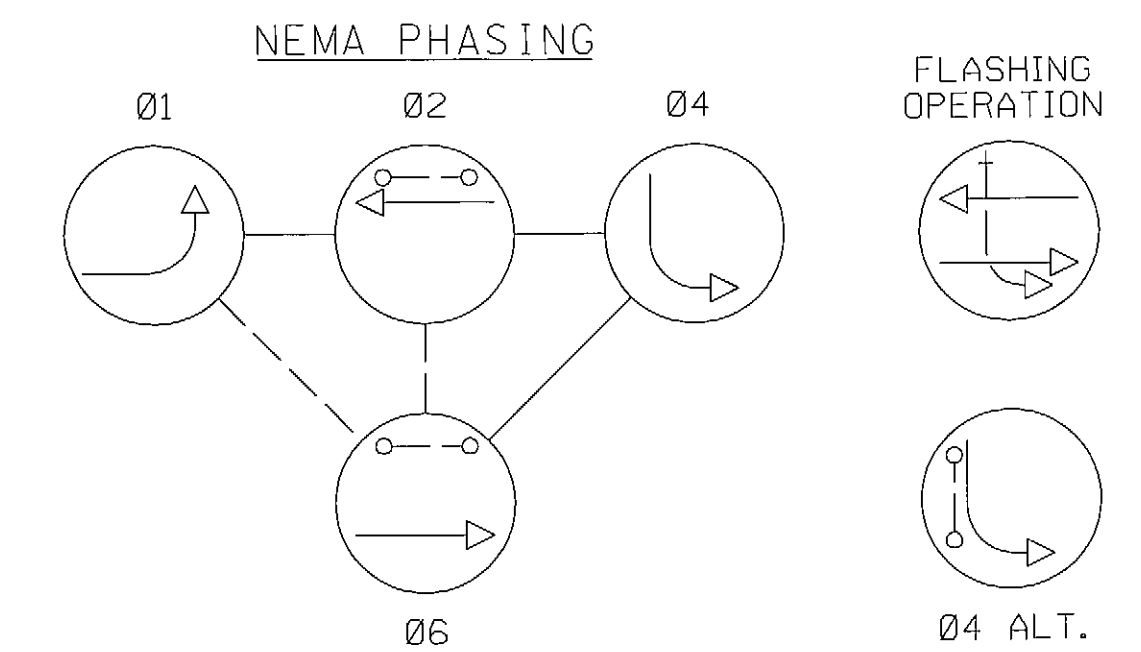
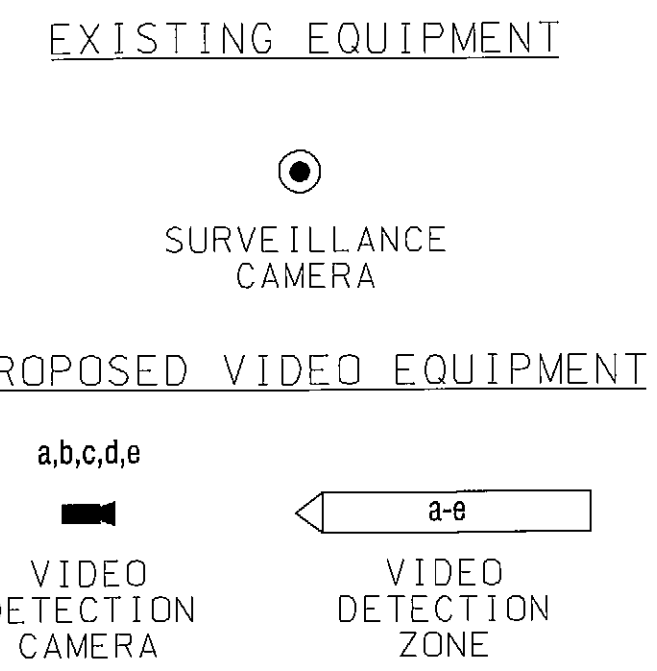
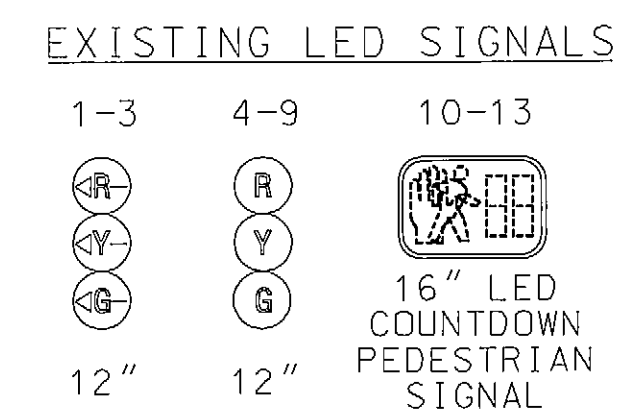
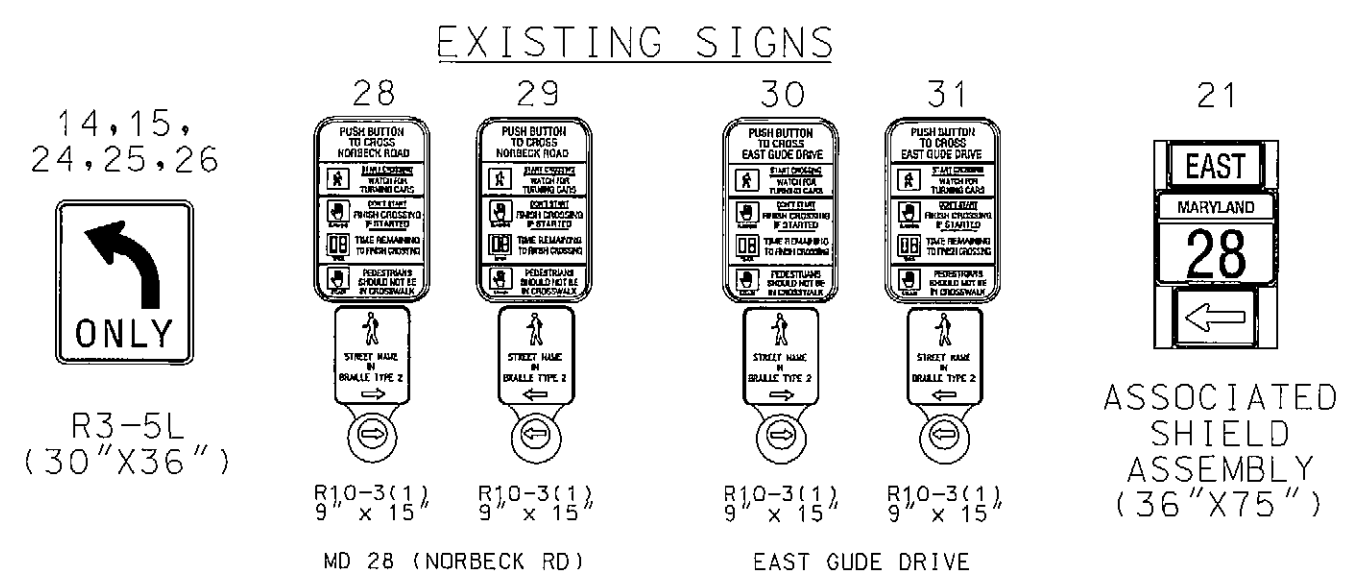
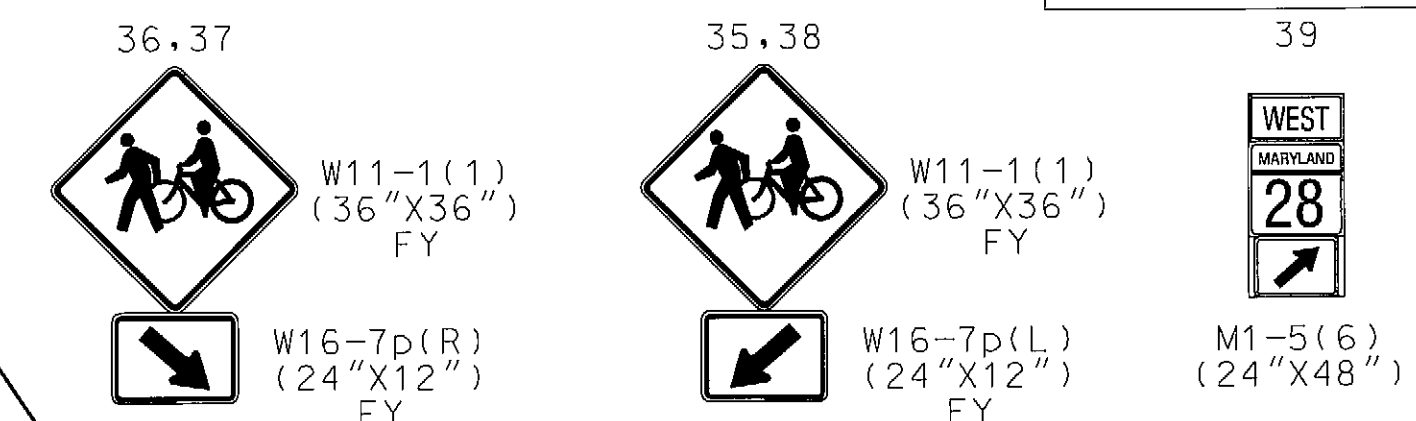
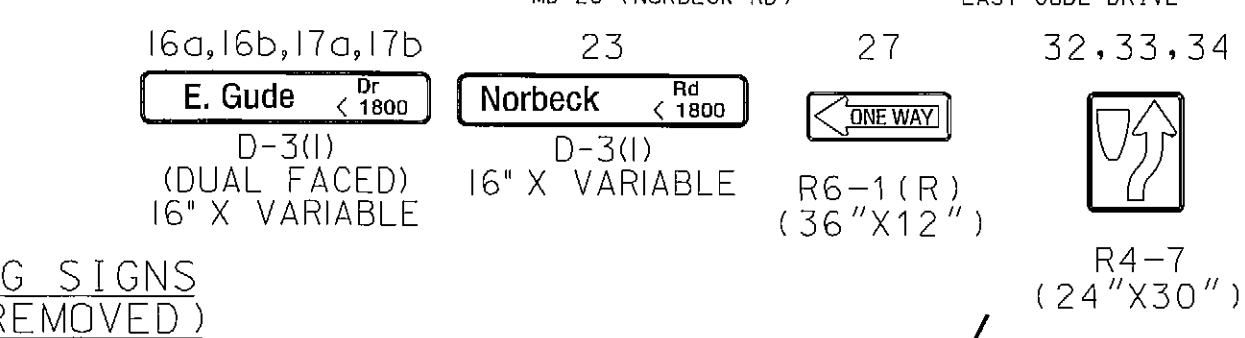
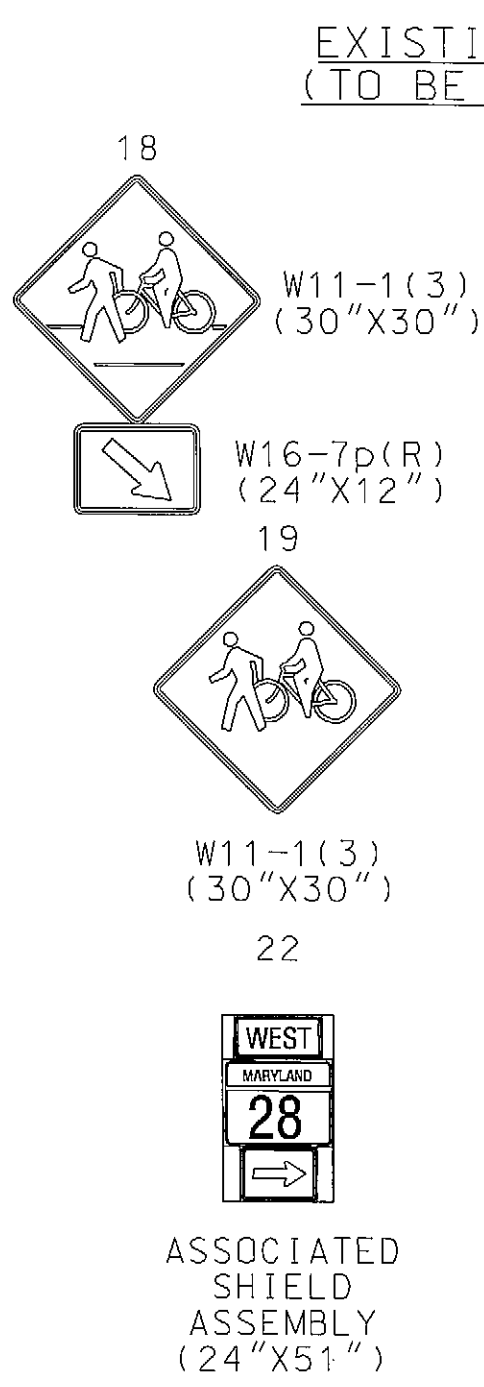


MD 28 IS ASSUMED TO RUN
IN AN EAST -WEST DIRECTION.



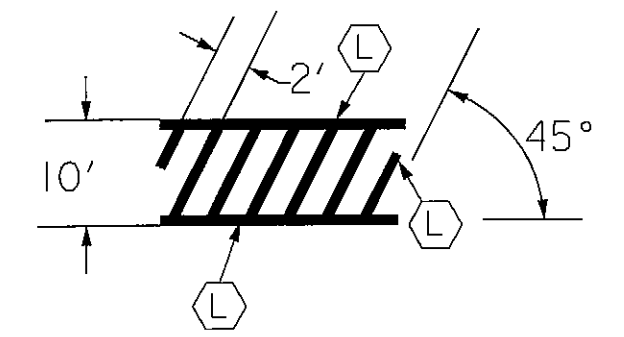
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM EXISTING HANDHOLES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SIGNAL OPERATION DURING THE COMPLETE CONSTRUCTION PERIOD.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
6. ALL MODIFICATIONS TO THE CONTROLLER CABINET WILL BE DONE BY THE SHA SIGNAL OPERATIONS.
7. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SHOWN AS PER SIGNAL PLAN REVISION F, DATED 10-14-2008. THEY SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
8. ROUNDDING OF THE PROPOSED EQUIPMENT MUST BE DONE IN ACCORDANCE WITH SHA REQUIREMENTS.
9. AS A PART OF THIS PROJECT, MD 28 IS BEING RESURFACED. ALL MARKINGS ARE TO BE RE-INSTALLED AS EXISTING, EXCEPT PROPOSED STOPBAR AND CROSSWALK MARKINGS SHOWN.
10. PROPOSED SIDEWALKS RAMP TO BE INSTALLED AS PER ROADWAY PLANS.

CHANNELIZED RIGHT TURN DETAIL



CROSSWALK AND HATCHING LINE WITH
12 IN WHITE PREFORMED THERMOPLASTIC
PAVEMENT MARKING

CONSTRUCTION DETAILS

- A. INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL POLE.
- B. INSTALL VIDEO DETECTION CAMERA ON EXISTING 20' LUMINAIRE ARM ON EXISTING STRAIN POLE. USE STANDARD MD 818.20.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING HANDHOLE.
- E. USE EXISTING CONTROLLER CABINET AND POWER SOURCE.
- F. DISCONNECT AND ABANDON EXISTING LOOP DETECTORS.

CONSTRUCTION DETAILS CONT'D

- G. REMOVE EXISTING HANDHOLE.
- H. USE EXISTING STRAIN POLE.
- J. USE EXISTING SPAN WIRE.
- K. REMOVE EXISTING CABLE, CAP AND ABANDON EXISTING CONDUIT.
- L. INSTALL 12 IN WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
- M. INSTALL 24 IN WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
- N. INSTALL PROPOSED SIGN ON 4"x6" WOOD SUPPORT.

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

APPROVALS	
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
① TMS NO. L687 REPLACE LOOPS WITH VIDEO DETECTION	SHA NO. MO1318277 01-07-12
AJM	
F	APS, CPS, AND LED SIGNAL HEADS 10/4/08 SHA NO. XX4495185
JWA	
E	RECONSTRUCT TRAFFIC CONTROL SIGNAL
JC	

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 28 (NORBECK RD)
AT EAST GUDE DR**
ROCKVILLE, MARYLAND

TRAFFIC SIGNALIZATION PLAN			
SCALE	1" = 20'	DATE	CONTRACT NO.
DESIGNED BY	MONTGOMERY CO.	COUNTY	MONTGOMERY
DRAWN BY	MONTGOMERY CO.	LOGMILE	15028023.77
CHECKED BY	MONTGOMERY CO.	TMS NO.	1641
FAP NO.		TOD NO.	
TS NO.	432G	DRAWING	SG-05 OF 06
		SHEET NO.	5 OF 6

T3 design

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